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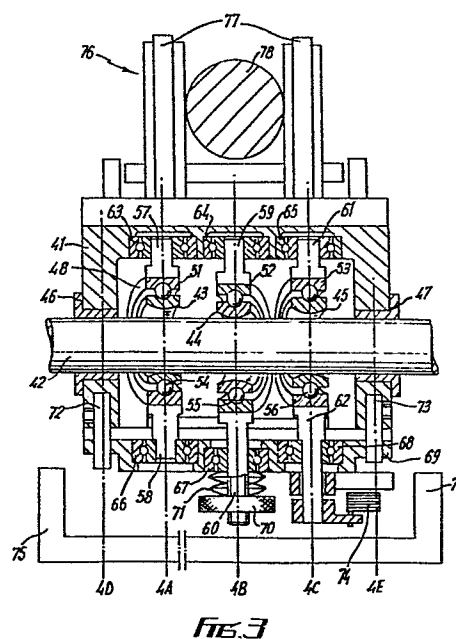
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54 A traversing unit.

57 A traversing unit comprises a shaft 42 rotatably mounted in plain bearings 46 and 47 in a housing 41. The housing 41 houses three rings 43, 44 and 45 in contact with the shaft 42 and respectively rotationally supported in ball races 51, 52 and 53 through balls 54, 55 and 56. The rings 43 to 45 may be loaded via a mounted plate 69 comprising bearings 66 to 68 which receive corresponding pins 58, 60 and 62 integrally formed with respective races 51 to 53. This plate 69 is located axially of the shaft 42 by dowels 72 and 73 which are free to move at right angles to the shaft 42. Excess loads caused by reversal torques on the housing 41 when the direction of traverse of the rings is reversed during operation of the unit with the shaft 42 rotating and the rings 43 to 45 loaded are reduced and transferred to bearings 46 and 47 permitting higher loads to be used on the rings 43 to 45 and maintenance problems to be reduced as compared with known traversing units.





European Patent
Office

EUROPEAN SEARCH REPORT

0040486

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EP 81 30 1959

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
X	US-A-3 977 258 (G.L.BAUER) *The whole document*	1-4, 10, 11	F 16 H 19/00
A	DE-B-1 216 058 (C.B.STRANDGREN) *The whole document*	1, 2, 3, 4, 11	
A	FR-A-2 363 743 (SKF NOVA A.B.)		
A	GB-A- 798 781 (J.UHING)		
A	FEINWERKTECHNIK, vol. 71, no. 5, May 1967; K.R. VON OBERBAURAT: "Reibrollen-Verlegegetriebe für Spulenwickelmaschinen", pages 201-208. *Page 207, fig. 26; page 208, line 12 (from bottom) to column 2, line 5*		TECHNICAL FIELDS SEARCHED (Int. Cl. ³) F 16 H
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28-04-1982	Examiner CINQUANTINI B.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			